

Appl. No. : 09/810,932
Filed : March 16, 2001

REMARKS

In the Office Action mailed August 11, 2004 the Examiner elected to re-open prosecution of the above-referenced application. The Examiner maintained the same general rejection of Claims 1-5, 7-13, 21-29, 40-54 and 60-70 with different prior art references, but objected to Claims 6 and 30, which are now allowable, if re-written in independent form to incorporate the limitations of the based claim and any intervening claims. The basis for the allowance of these claims was that the prior art does not teach, in addition to the other claim elements, the limitation of performing time domain reflectometry and obtaining the rotated signal by correlating a rotated test/transmitted signal with the rotated received/reflected signal. The Examiner also objected to the specification, namely, the text on page 25, line 11.

Claims 6 and 30

In response, the Applicants have canceled Claims 6, 7-13, 21-25, 45-54 and 60-70. The Applicants have amended Claims 1 and 26 to incorporate the limitations of the based claim and any the limitations of the Claim 6 and 30, respectfully. Claims which previously depended from now allowable Claim 1 and Claim 26 are submitted as also being allowable, due to their dependence on an allowable independent Claim.

Claim 40

The Applicants have also amended Claim 40 to include the limitations as shown, and which were previously contained in Claim 30. It is submitted that these limitations are the basis

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for allowability of Claim 30 as set forth by the Examiner. Applicants submits that the addition of these limitations to Claim 40, in combination with the other elements of Claim 40, overcomes the prior art and is thus allowable.

Specification

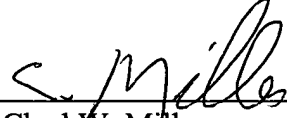
The Applicants have amended the specification as shown above to incorporate the Examiners proposed text. The Applicants thank the Examiner for the proposed text. Amendment to the specification is requested as shown.

CONCLUSION

Applicants request that the Examiner enter the proposed amendments to the specification and claims. Applicants assert that Claims 1-5, 26-29, and 40-44 are in a condition for allowance. The Examiner is encouraged to contact the undersigned attorney if there are any matters which may be resolved by telephone.

Respectfully submitted,

Dated: _____

By:  _____

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